



A DOCPHOENIX

OUTGOING

| |
|---------------------------------------|
| CTMS |
| Miscellaneous Office Action |
| IMIS |
| Miscellaneous Internal Document |
| NRES |
| Letter Restarting Period for Response |

1449 _____
Signed 1449

892 _____
892

ABN _____
Abandonment

APDEC _____
Board of Appeals Decision

APEA _____
Examiner Answer to Appeal Brief

CRFR _____
Letter Requiring CRF

CTAV _____
Count Advisory Action

CTEQ _____
Count Ex parte Quayle

CTFR _____
Count Final Rejection

CTNF _____
Count Non-Final

CTRS _____
Count Restriction

EXIN _____
Examiner Interview

FOR _____
Foreign Reference

M903 _____
DO/EO Acceptance

M905 _____
DO/EO Missing Requirement

OUTGOING

NFDR _____
Formal Drawing Required

NOA _____
Notice of Allowance

NPL _____
Non-Patent Literature

PEFN _____
Pre-Exam Formalities Notice

PETDEC _____
Petition Decision

ANE.I _____
After Final or 312 Amendment

PGEA.G _____
Petition Decision Express ABN

XRUSH _____
TC Resp. to Printer Query

OUTGOING DOCUMENT INDEX SHEET

PTO INTERNAL

CLMPTO _____
PTO Prepared Complete Claim Set

IIFW _____
File Wrapper Issue Information

SRNT _____
Examiner Search Notes

SRFW _____
File Wrapper Search Info

SEQREQ _____
Sequence Problem Att. from Examiner

CDCHECK _____
Compact Disk Review Checklist

9/15/03

| | | | |
|------------------------------|------------------------|---------------------|--|
| Office Action Summary | Application No. | Applicant(s) | |
| | 10/673,526 | TOKKONEN | |
| | Examiner | Art Unit | |
| | Pramila Parthasarathy | 2136 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 August 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date <u>9/29/2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This action is in response to the communication 08/17/2005. NO preliminary amendments to the claims were filed. Claims 1 – 22 are currently pending.

Priority

2. Acknowledgment is made of applicant's claim for foreign priority. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

3. An initialed and dated copies of Applicant's IDS form 1449 are attached to the Office action.

Drawings

4. The drawings are objected to because descriptive labels other than numerical are needed for figures 4. See 37 CFR 1.84(o). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure

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number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

5. Claims 5 – 7 and 16 – 18 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 5 – 7 and 16 – 18 recite "sufficiently close" and "sufficiently close" is a relative phrase, which renders the claim indefinite. The term "sufficiently close" is not defined by the claim, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention. See MPEP 2173.05(b).

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claims 1 – 22 are rejected under 35 U.S.C. 102(b) as being anticipated by Jalili (U.S. Patent Number 6,209,104).

7. As per Claims 1 and 11, Jalili teaches “creating a database from predetermined objects (Fig. 3 and Column 5 lines 62 – 65);

determining at least one user-specific inter-object internal order in the database (Column 6 lines 4 – 8);

detecting a control command for starting the control of the locking function (Column 6 lines 22 – 28);

displaying a predetermined number of objects on the display of the locking arrangement once the control command is detected (Column 6 lines 32 – 48) ;

detecting the selection order of the objects; and changing the lock state when the detected object selection order is at least sufficiently close to a given user-specific inter-object internal order” (Column 6 lines 32 – 48).

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8. As per Claims 2 and 14, Jalili teaches, "displaying the predetermined number of objects in a random order on the display." (Column 6 lines 54 – 57 and Column 7 lines 38 – 45).

9. As per Claims 3 and 15, Jalili teaches, "identifying a given predetermined user-specific inter-object internal order based on the detected control command." (Column 8 lines 1 – 15).

10. As per Claim 4, Jalili teaches, "the object is one or more letters, digits, figures, images, songs or a combination thereof including two or more objects" (Column 6 lines 9 – 13).

11. As per Claims 5 and 16, Jalili teaches, "changing the determined user-specific inter-object internal order when the detected object selection order is sufficiently close to a given predetermined user-specific inter-object internal order" (Column 8 lines 1 – 15 and Column 9 lines 11 – 34).

12. As per Claims 7 and 18, Jalili teaches, "entering an arrangement lock state when a predetermined number of such successive object selection orders are detected, wherein the object selection order is not sufficiently close to the determined user-specific inter-object internal order" (Column 8 lines 1 – 15 and Column 9 lines 11 – 34).

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13. As per Claims 8 and 19, Jalili teaches, “establishing a short-range wireless connection and detecting the control command for starting the control of the locking function via the short-range wireless connection” (Column 5 lines 35 – 50).

14. As per Claim 9, Jalili teaches, “establishing a short-range wireless connection and detecting the object selection order via the short-range wireless connection” (Column 5 lines 35 – 50).

15. As per Claims 10 and 20, Jalili teaches, “determining the user-specific inter-object internal order in one or more user profiles of the arrangement” (Column 8 lines 1 – 15).

16. As per Claim 21, Jalili teaches, “the arrangement for controlling a locking function is in a portable electronic device” (Column 3 lines 12 – 23).

17. As per Claim 22, Jalili teaches, “the arrangement for controlling a locking function is in a door or gate” (Column 3 lines 12 – 23).

18. As per Claims 6 and 17, Jalili teaches, “using learning algorithms and/or intelligent networks in changing the determined user-specific inter-object internal order” (Column 8 lines 11 – 34).

Conclusion

Examiner's Note: Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant.

Although the specified citations are representative of the teachings in the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant, in preparing the responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the examiner.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. See PTO Form 892.

Applicant is urged to consider the references. However, the references should be evaluated by what they suggest to one versed in the art, rather than by their specific disclosure. If applicants are aware of any better prior art than those are cited, they are required to bring the prior art to the attention of the examiner.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on 8:00a.m. To 5:00p.m.. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nasser Moazzami can be reached on 571-232-4195. Any inquiry of a general nature or

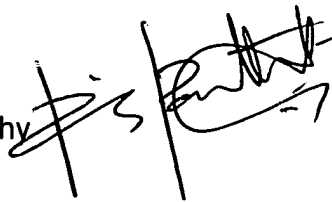
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relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy

April 01, 2007.

A handwritten signature in black ink, appearing to be 'P. Parthasarathy', written over a horizontal line.